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AUG 02 2004

U.S. PATENT & TRADEMARK OFFICE

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of

3

Application Number

10/056,316

Filing Date

01/22/2002

First Named Inventor

Duboust, et al.

Group Art Unit

1745

Examiner Name

Parsons, Thomas H.

Attorney Docket Number

6339/CMP/CMP/RKK

Submission Date

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A1	US-			
	A2	US-			
	A3	US-			

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
THP	B1	EP- 0 325 753	8/2/1989	IBM Corp.		
THP	B2	EP-0 455 455	06/11/1991	AT&T Corp.		
THP	B3	JP-2870537	1/8/1999	NEC CORP/NIPPON ELEC CO.		X
THP	B4	JP-10-16213	1/20/1998	NEC Corp.		X
THP	B5	JP-11-042554	2/16/1999	NEC Corp.		X
THP	B6	JP-2000-218513	8/8/2000	NEC Corp.		X
THP	B7	JP-2001-244223	9/7/2001	Hitachi Chem Co. Ltd		X
THP	B8	JP-2001-77117	3/23/2001	Sony Corp.		X
THP	B9	WO-2000-03426	1/20/2000	ACM Research, Inc.		
THP	B10	WO-2000-26443	5/11/2000	Nutool, Inc.		
THP	B11	WO-2000-33356	6/8/2000	ACM Research, Inc.		
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THP	B17	WO-2001-71066	9/27/2001	Nu Tool, Inc.		
THP	B18	WO-2001-88229	11/22/2001	ACM Research, Inc.		
THP	B19	WO-2001-88954	11/22/2001	Nu Tool, Inc.		
THP	B20	WO-2002-064314	8/22/2002	Speedfam-IPEC Corp.		

Examiner

Thomas H. Parsons

Date Considered

8/18/2004

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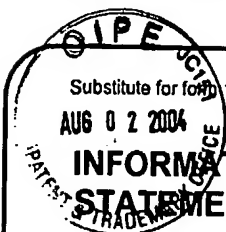
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PTO/SB/08a (08-03)

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Sheet 2

of 3

Application Number	10/056,316
Filing Date	01/22/2002
First Named Inventor	Duboust, et al.
Group Art Unit	1745
Examiner Name	Parsons, Thomas H.
Attorney Docket Number	6339/CMP/CMP/RKK
Submission Date	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
THP	B21	WO-2002-23616	3/21/2002	ACM Research Inc.		
THP	B22	WO-1998-49723	11/5/1998	3M Company		
THP	B23	WO-1999-41434	8/19/1999	ACM Research, Inc.		
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	B39					

Examiner

Thomas H. Parsons

Date Considered

8/18/2004

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Application Number

10/056,316

Filing Date

01/22/2002

First Named Inventor

Duboust, et al.

### Group Art Unit

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Examiner Name

Parsons, Thomas H.

Attorney Docket Number

6339/CMP/CMP/RKK

Submission Date

## NON PATENT LITERATURE DOCUMENTS

[illegible]

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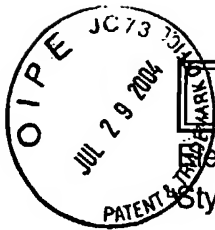
Thomas H. Parsons

**Date Considered**

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## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

### Title of Invention

### ENDPOINT DETECTION FOR ELECTRO CHEMICAL MECHANICAL POLISHING AND ELECTROPOLISHING PROCESSES

Application Number: 10/056316

Confirmation Number: 2878

First Named Applicant: Alain Duboust

Attorney Docket Number: 6339/CMP/CMP

Art Unit: 1745

Examiner: Thomas Parsons

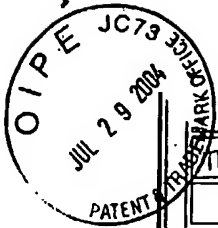
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or 20030213703 or 20030016446 or  
20020119286 or 20020130049 or 20030116445  
or 20030213703 or 20030114087 ).pn.



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Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
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THP	2	3448023	1969-06-03	Bell		204	209



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	4	4125444	1978-11-14	Inoue
	5	4713149	1987-12-15	Hoshino
	6	4839993	1989-06-20	Masuko et al.
	7	4954141	1990-09-04	Takiyama et al.
	8	4956056	1990-09-11	Zubatova et al.
	9	5096550	1992-03-17	Mayer
	10	5136817	1992-08-11	Tabata et al.
	11	5578362	1996-11-26	Reinhardt et al.
	12	5624300	1997-04-29	Kishii et al.
	13	5738574	1998-04-14	Tolles et al.
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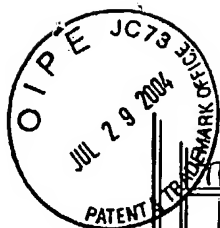
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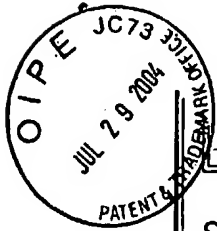


THP	39	6386956	2002-05-14	Sato et al.	451/57
	40	6402591	2002-06-11	Thornton	451/36
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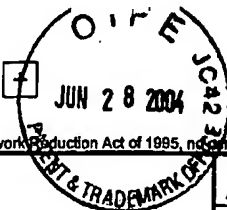
Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
THP	1	20010005667	2001-06-28	Tolles et al.			
	2	20010024878	2001-09-27	Nakamura			
	3	20010035354	2001-11-01	Ashjaee et al.			
	4	20010040100	2001-11-15	Wang			
	5	20020008036	2002-01-24	Wang			
	6	20020011417	2002-01-31	Talieh et al.			
	7	20020020621	2002-02-21	Uzoh et al.			
	8	20020070126	2002-06-13	Sato			
	9	20020077037	2002-06-20	Tietz			
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	11	20020119286	2002-08-29	Chen et al.			
	12	20020130049	2002-09-19	Chen et al.			
	13	20030114087	2003-06-19	Duboust et al.			
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	16	20030213703	2003-11-20	Wang et al.			
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THP	22	20030114087	2003-06-19	Duboust et al.	
Signature					
Examiner Name			Date		
Thomas H. Parsons			8/17/2004		

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Group Art Unit	1745
Examiner Name	T. Parsons
Attorney Docket Number	6339/CMP/CMP/RKK
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TNP	B1	WO 99/53119	10-21-1999	ACM Research Inc.		
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	B3					
	B4					
	B5					

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Filing Date	January 22, 2002
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Examiner Name	Thomas H. Parsons
Attorney Docket Number	AMAT/6339/CMP/CMP/RKK
Submission Date	April 22, 2004

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THP	A1	US-2002/0025760 A1	02/28/2002	LEE, ET AL.	
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	A17	US-			
	A18	US-			

## **NON PATENT LITERATURE DOCUMENTS**

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THP	B1	PCT International Search Report for PCT/US03/29230 dated February 3, 2004 (AMAT/6874.PC).	

Examiner

Thomas H. Parsons

Date Considered

8/17/2004

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First Named Inventor

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### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
X	A1	US-			
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### NON PATENT LITERATURE DOCUMENTS

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THP	B1	PCT Written Opinion for PCT/US03/01760 dated March 8, 2004 (AMAT/6339.PC).	

Examiner Thomas H. Parsons

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